

ABSTRACT

A catalyst system includes a metallocene compound having the formula $R^9 L^1 L^2 M^1 R^1 R^2$ wherein R^9 is a bridge between ligands L^1 and L^2 and M^1 is a
5 metal of Group IVB of the Periodic Table such as titanium, zirconium and hafnium and R^1 and R^2 can be hydrogen or aliphatic or aromatic groups. Bridge R^9 can include silicon, germanium or tin. The metallocene compound of the invention as synthesized has a racemic to meso isomer ratio of greater than 5 to 1, thereby precluding the need for subsequent separation of the meso isomer.

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